Docket No. 116741-00215

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Edward Ashton
SERIAL NO: Unassigned GAU: Unassigned
FILED: Herewith EXAMINER: Unassigned
FOR: SEMI-AUTOMATED MEASUREMENT OF ANTOMICAL STRUCTURES USING STATISTICAL AND MORPHOLOGICAL PRIORS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:
Applicant(s) wish to disclose the following information.

REFERENCES

☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.

☐ A check is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

☐ Attached is a copy of applicant's pending application(s) or issued patent(s) which may be related to the present application. These documents are listed on form PTO-1449, also attached.

☐ A check is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

☐ Each item of information contained in this information disclosure statement was cited for the first time in any communication from a foreign patent office in any counterpart foreign application not more than three months prior to the filing of this statement.

☐ No item of information contained in this information disclosure statement was cited for the first time in any communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

☒ This Information Disclosure Statement is being filed within three months of the filing date of the subject patent application.

☐ This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits.

PETITION

☐ Applicant(s) hereby request consideration of the attached information. A check is attached in the amount of the Petition fee required under 37 CFR §1.17(i)(1).

DEPOSIT ACCOUNT

☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number **23-2185**. A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

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WASHINGTON, DC 20037
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27557
PATENT TRADEMARK OFFICE

Date: 9/25/03

Form PTO 1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 116741-00215	SERIAL NO. Unassigned
LIST OF REFERENCES CITED BY APPLICANT	APPLICANT Edward Ashton	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOC. NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
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	AU				☐	☐
	AV				☐	☐

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	Ashton et al., A novel Volumetric Feature Extraction Technique with Applications to MR Images, IEEE Transactions on Medical Imaging, Vol. 16, No. 4, August 1997, pgs. 365-371
	AX	Ashton et al., Automated Measurement of Structures in CT and MR Imagery: A Validation Study, pgs. 301-305
	AY	Taylor et al., Image Segmentation Using Globally Optimal Growth in Three Dimensions with an Adaptive Feature Set, SPIE, Vol. 2359, pgs. 98-107
	AZ	De Fruijne et al., Localization and Segmentation of Aortic Endografts Using marker Detection, IEEE Transactions on Medical Imaging, Vol. 22, No. 4, April, 2003, pgs. 473-482

Examiner	Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	AW	Sato et al., Three-Dimensional multi-Scale Line Filter for Segmentation and Visualization of Curvilinear Structures in Medical images, Medical image Analysis , Vol. 2, No. 2, pp. 143-168 (1998)
	AX	Chung et al., 3-D Reconstruction from Tomographic Data Using 2-D Active Contours, Computers and Biomedical Research 33, pgs. 186-210 (2000)
	AY	Krissian et al., Model-Based Detection of Tubular Structures in 3D Images, Computer Vision and Image Understanding 80, pgs. 130-171 (2000)
	AZ	Hsu et al., Comparison of Automated and Manual MRI Volumetry of Hippocampus in Normal Aging and Dementia, Journal of Magnetic Resonance Imaging 16, pgs. 305-310 (2000)

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	AW	Cohen Note on Active Contour Models and Balloons, CVGIP: Image Understanding Vo. 53, No. 2, pgs. 211-218, March, 1991 ✓
	AX	Carlbom et al., Computer-Assisted Registration, Segmentation, and 3D Reconstruction from Images of Neuronal Tissue Sections, IEEE Transactions on Meeical Imaging, Vol. 13, No. 2, pgs. 351-362, June, 1994 ✓
	AY	Aylward et al., Initialization, Noise, Singularities, and Scale in Height Ridge Traversal for Tubular Object Centerline Extraction, IEEE Transactions on Medical imaging, Vo. 21, No. 2, pgs. 61-75, February, 2002 ✓
	AZ	Fiebick et al., Computer Assisted Diagnosis in CT Angiography of Abdominal Aortic Aneurysms, SPIE, Vol. 3034, pgs. 86-94 ✓

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	AW	Bulpit et al., Spiral CT of Abdominal Aortic Aneurysms: Comparison of Segmentation with an Automatic 3D Deformable Model and Interactive Segmentation, SPIE, Vol. 3338, pgs. 938-946 ✓
	AX	Wink, Fast Delineation and Visualization of Vessels in 3-D Angiographic Images, IEEE Transactions on Medical Imaging, Vol. 19, No. 4, pgs. 337-346, April, 2000 ✓
	AY	Verdonck et al., Accurate Segmentation of Blood Vessels from 3D Medical Images, IEEE, pgs. 311-314, 1996 ✓
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